



## SEQUENCE LISTING

<110> Abe, Hiroko  
Shimma, Yoh-ichi  
Jigami, Yoshifumi

<120> NUCLEIC ACIDS, EXPRESSION VECTORS AND  
HOST CELLS FOR MAKING CHIMERIC NUCLEIC ACIDS AND METHODS FOR  
PRODUCING IMMOBILIZED POLYPEPTIDES

<130> 13558-004001

<140> 09/989,975

<141> 2001-11-21

<150> JP 2001-190524

<151> 2001-06-22

<150> JP 2000-354396

<151> 2000-11-21

<160> 14

<170> FastSEQ for Windows Version 4.0

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<212> PRT

<213> *Saccharomyces cerevisiae*

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Leu	Ala	Ala	Tyr	Ala	Pro	Lys	Asp	Pro	Trp	Ser	Thr	Leu	Thr	Pro	Ser
			20					25					30		
Ala	Thr	Tyr	Lys	Gly	Gly	Ile	Thr	Asp	Tyr	Ser	Ser	Thr	Phe	Gly	Ile
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Ala	Val	Glu	Pro	Ile	Ala	Thr	Thr	Ala	Ser	Ser	Lys	Ala	Lys	Arg	Ala
	50					55					60				
Ala	Ala	Ile	Ser	Gln	Ile	Gly	Asp	Gly	Gln	Ile	Gln	Ala	Thr	Thr	Lys
65				70				75						80	
Thr	Thr	Ala	Ala	Ala	Val	Ser	Gln	Ile	Gly	Asp	Gly	Gln	Ile	Gln	Ala
			85					90						95	
Thr	Thr	Lys	Thr	Lys	Ala	Ala	Ala	Val	Ser	Gln	Ile	Gly	Asp	Gly	Gln
		100						105						110	
Ile	Gln	Ala	Thr	Thr	Lys	Thr	Thr	Ser	Ala	Lys	Thr	Thr	Ala	Ala	Ala
	115					120							125		
Val	Ser	Gln	Ile	Gly	Asp	Gly	Gln	Ile	Gln	Ala	Thr	Thr	Lys	Thr	Lys
	130					135					140				
Ala	Ala	Ala	Val	Ser	Gln	Ile	Gly	Asp	Gly	Gln	Ile	Gln	Ala	Thr	Thr
145					150					155					160
Lys	Thr	Thr	Ala	Ala	Ala	Val	Ser	Gln	Ile	Gly	Asp	Gly	Gln	Ile	Gln
			165					170						175	
Ala	Thr	Thr	Lys	Thr	Thr	Ala	Ala	Ala	Val	Ser	Gln	Ile	Gly	Asp	Gly
			180					185						190	

Gln Ile Gln Ala Thr Thr Asn Thr Thr Val Ala Pro Val Ser Gln Ile  
 195 200 205  
 Thr Asp Gly Gln Ile Gln Ala Thr Thr Leu Thr Ser Ala Thr Ile Ile  
 210 215 220  
 Pro Ser Pro Ala Pro Ala Pro Ile Thr Asn Gly Thr Asp Pro Val Thr  
 225 230 235 240  
 Ala Glu Thr Cys Lys Ser Ser Gly Thr Leu Glu Met Asn Leu Lys Gly  
 245 250 255  
 Gly Ile Leu Thr Asp Gly Lys Gly Arg Ile Gly Ser Ile Val Ala Asn  
 260 265 270  
 Arg Gln Phe Gln Phe Asp Gly Pro Pro Pro Gln Ala Gly Ala Ile Tyr  
 275 280 285  
 Ala Ala Gly Trp Ser Ile Thr Pro Glu Gly Asn Leu Ala Ile Gly Asp  
 290 295 300  
 Gln Asp Thr Phe Tyr Gln Cys Leu Ser Gly Asn Phe Tyr Asn Leu Tyr  
 305 310 315 320  
 Asp Glu His Ile Gly Thr Gln Cys Asn Ala Val His Leu Gln Ala Ile  
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 Asp Leu Leu Asn Cys  
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<210> 2

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<213> *Saccharomyces cerevisiae*

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 35 40 45  
 Ala Val Gln Pro Ile Ser Thr Thr Ser Ser Ala Ser Ser Ala Ala Thr  
 50 55 60  
 Thr Ala Ser Ser Lys Ala Lys Arg Ala Ala Ser Gln Ile Gly Asp Gly  
 65 70 75 80  
 Gln Val Gln Ala Ala Thr Thr Thr Ala Ser Val Ser Thr Lys Ser Thr  
 85 90 95  
 Ala Ala Ala Val Ser Gln Ile Gly Asp Gly Gln Ile Gln Ala Thr Thr  
 100 105 110  
 Lys Thr Thr Ala Ala Ala Val Ser Gln Ile Gly Asp Gly Gln Ile Gln  
 115 120 125  
 Ala Thr Thr Lys Thr Thr Ser Ala Lys Thr Thr Ala Ala Ala Val Ser  
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 Gln Ile Ser Asp Gly Gln Ile Gln Ala Thr Thr Thr Leu Ala Pro  
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 Lys Ser Thr Ala Ala Val Ser Gln Ile Gly Asp Gly Gln Val Gln  
 165 170 175  
 Ala Thr Thr Thr Leu Ala Pro Lys Ser Thr Ala Ala Ala Val Ser  
 180 185 190  
 Gln Ile Gly Asp Gly Gln Val Gln Ala Thr Thr Lys Thr Thr Ala Ala  
 195 200 205  
 Ala Val Ser Gln Ile Gly Asp Gly Gln Val Gln Ala Thr Thr Lys Thr  
 210 215 220  
 Thr Ala Ala Ala Val Ser Gln Ile Gly Asp Gly Gln Val Gln Ala Thr  
 225 230 235 240

Thr	Lys	Thr	Thr	Ala	Ala	Ala	Val	Ser	Gln	Ile	Gly	Asp	Gly	Gln	Val
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Gln	Ala	Thr	Thr	Lys	Thr	Thr	Ala	Ala	Ala	Val	Ser	Gln	Ile	Thr	Asp
				260				265					270		
Gly	Gln	Val	Gln	Ala	Thr	Thr	Lys	Thr	Thr	Gln	Ala	Ala	Ser	Gln	Val
				275			280					285			
Ser	Asp	Gly	Gln	Val	Gln	Ala	Thr	Thr	Ala	Thr	Ser	Ala	Ser	Ala	Ala
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Ala	Thr	Ser	Thr	Asp	Pro	Val	Asp	Ala	Val	Ser	Cys	Lys	Thr	Ser	Gly
305				310						315					320
Thr	Leu	Glu	Met	Asn	Leu	Lys	Gly	Gly	Ile	Leu	Thr	Asp	Gly	Lys	Gly
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Arg	Ile	Gly	Ser	Ile	Val	Ala	Asn	Arg	Gln	Phe	Gln	Phe	Asp	Gly	Pro
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Pro	Pro	Gln	Ala	Gly	Ala	Ile	Tyr	Ala	Ala	Gly	Trp	Ser	Ile	Thr	Pro
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Asp	Gly	Asn	Leu	Ala	Ile	Gly	Asp	Asn	Asp	Val	Phe	Tyr	Gln	Cys	Leu
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Ser	Gly	Thr	Phe	Tyr	Asn	Leu	Tyr	Asp	Glu	His	Ile	Gly	Ser	Gln	Cys
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44

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31

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